

SEQUENCE LISTING

<110> ISTITUTO SUPERIORE DI SANITA'

<120> HIV-1 Tat, or derivatives thereof, alone or in
combination, for prophylactic and therapeutic
vaccination against AIDS, tumors and related syndromes

<130> 1354PTWO

<140> RM97A000743

<141> 1997-12-01

<160> 34

<170> PatentIn Ver. 2.0

<210> 1

<211> 261

<212> DNA

<213> Aids-associated retrovirus

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<210> 2

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<212> PRT

<213> Aids-associated retrovirus

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Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe His
 20        25        30

Cys Gln Val Cys Phe Ile Thr Lys Ala Ile Ser Tyr Gly Arg Lys Lys
 35        40        45

Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr His Gln Val
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Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly
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Pro Lys Glu

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<213> Aids-associated retrovirus

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 aacgccttag gcctcctcta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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 aacgccttag gcctcctcta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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 1 5 10 15

Gln Pro Lys Thr Ala Gly Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
 20 25 30

His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
 35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Pro Pro Gln Gly Ser Gln Thr
 50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
 65 70 75 80

Pro Thr Gly Pro Lys Glu

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<210> 8

<211> 86

<212> PRT

<213> Aids-associated retrovirus

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Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
1 5 10 15

Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
20 25 30

His Cys Gln Val Cys Phe Ile Thr Thr Ala Leu Gly Ile Ser Tyr Gly
35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
65 70 75 80

Pro Thr Gly Pro Lys Glu
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<210> 9

<211> 83

<212> PRT

<213> Aids-associated retrovirus

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Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
1 5 10 15

Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
20 25 30

His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Pro Thr Gly
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Pro Lys Glu

<210> 10

<211> 83

<212> PRT

<213> Aids-associated retrovirus

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20 25 30

His Cys Gln Val Cys Phe Ile Thr Thr Ala Leu Gly Ile Ser Tyr Gly
35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Pro Thr Gly
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Pro Lys Glu

<210> 11

<211> 20

<212> PRT

<213> Aids-associated retrovirus

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<212> PRT

<213> Aids-associated retrovirus

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<210> 13

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<211> 15

<212> PRT

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<211> 16

<212> PRT

<213> Aids-associated retrovirus

<400> 15

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1 5 10 15

<210> 16

<211> 16

<212> PRT

<213> Aids-associated retrovirus

<400> 16

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp

1 5 10 15

<210> 17

<211> 14

<212> PRT

<213> Aids-associated retrovirus

<400> 17

Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly Pro Lys Glu

1 5 10

<210> 18

<211> 15

<212> DNA

<213> Aids-associated retrovirus

<400> 18

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<210> 19

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<400> 19

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<210> 31

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27